

ABSTRACT

The present invention is directed toward a method, apparatus and system for cooling goods, such as, for example, agricultural products, in a substantially sealed chamber. A method of the invention includes placing goods on a surface; forming a chamber over the goods on the surface; positioning a cooling apparatus having a first portion and a second portion proximate to the goods; enclosing the first portion of the cooling apparatus in the chamber; substantially sealing the chamber; and cooling the goods. A cooling system of the invention comprises a first support having a carrier; an evaporation coil mounted to the first support; a second support having a carrier; a compressor mounted to the second support, the compressor coupled to the evaporation coil; and a substantially sealed enclosure positioned over the evaporation coil and such that the compressor is positioned without the chamber.